

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,016,555 B2  
APPLICATION NO. : 10/658218  
DATED : March 21, 2006  
INVENTOR(S) : Ridgway et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 18, line 34 " $AE_{DC}^2 + BE_{DC}E_{RF}$ " should read -- $AE_{DC}^2 + BE_{DC}E_{RF}$ --;

Col. 20, line 29 " $\rho_w$ " should read -- $\eta_w$ --;

Col. 20, line 30 "60° C." should read --60°C--;

Col. 20, line 30 "90° C." should read --90°C.--;

Col. 20, line 34 "60° C." should read --60°C--;

Col. 20, line 34 "90° C." should read --90°C.--;

Col. 20, line 48 "W" should read --w--;

Col. 20, line 50 "S" should read --s--;

Col. 20, line 64 "W" should read --w--;

Col. 20, line 66 "S" should read --s--;

Col. 21, line 5 "500  $\mu\text{m}$ ;" should read --50  $\mu\text{m}$ --;

Col. 21, line 7 "W" should read --w--;

Col. 21, line 9 "S" should read --s--;

Col. 21, line 17 "W" should read --w--;

Col. 21, line 19 "S" should read --s--;

Col. 21, line 27 "W" should read --w--;

Col. 21, line 29 "S" should read --s--;

Col. 22, line 49 "modulation" should read --modulating--;

Col. 23, line 6 "optical" should read --optically--;

Col. 24, line 26 "signal," should read --signal--;

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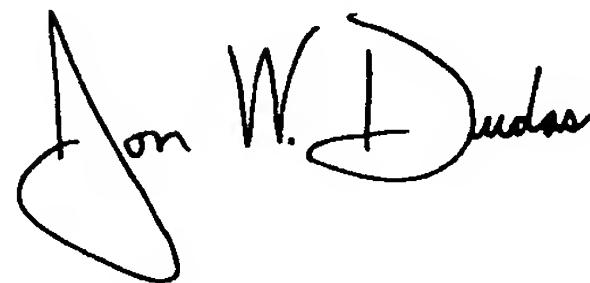
Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 24, line 31 "fist" should read --first--.

Signed and Sealed this

Fifth Day of December, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*